

ABSTRACT OF THE DISCLOSURE

In an electric double-layer capacitor, a solution of a quaternary ammonium borofluoride compound in propylene carbonate is used as an electrolyte. The electrode includes 5 alkali-activated carbon made using meso-phase pitch as a starting material, and a conductive filler having a rest potential smaller than that of the alkali-activated carbon in the electrolyte. The amount F_c of conductive filler incorporated in the electrode is set in a range of 10 % by weight 10 $\leq F_c \leq 40$ % by weight. Such electric double-layer capacitor has a large electrostatic capacity and excellent durability.

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